

algebra universalis

Vol. 6 1976

G. Birkhoff
Honorary Editor-in-Chief

A. Tarski
Honorary Editor-in-Chief

G. Grätzer
Editor-in-Chief

C. Platt
Executive Editor

University of Manitoba, Winnipeg, Man., Canada
Birkhäuser Verlag, Basel, Switzerland

algebra universalis

Subscription per volume:
sFr. 64.–
ca. can. \$ 25.–
Single number: sFr. 24.–
3 issues a year

Please ask for a free copy
and send your subscription
to your newsagent,
bookseller or directly
to Birkhäuser Verlag
Basel/Switzerland

This journal accepts papers in the areas of universal algebra and lattice theory, as well as papers inspired by or having applications to these areas. The Mailbox contains short communications of interest to specialists in these areas. Papers for publication should be sent in triplicate directly to: Executive Editor, Algebra Universalis, Department of Mathematics, University of Manitoba, Winnipeg, Manitoba R3T 2N2, Canada. The author should indicate which member of the Editorial Board he wishes to handle the paper.

Honorary Editors-in-Chief:

G. Birkhoff
Harvard University

A. Tarski
University of California

Editor-in-Chief:

G. Grätzer
University of Manitoba

Executive Editor:

C. Platt
University of Manitoba

C. C. Chang
University of California at Los Angeles

R. McKenzie
University of California

R. P. Dilworth
California Institute of Technology

N. S. Mendelsohn
University of Manitoba

L. Fuchs
Tulane University

J. D. Monk
University of Colorado

Z. Hedrlín
Charles University

J. Mycielski
University of Colorado

A. Horn
University of California at Los Angeles

R. S. Pierce
University of Arizona

B. Jónsson
Vanderbilt University

B. M. Schein
Saratov, U.S.S.R.

F. E. J. Linton
Wesleyan University

R. Wille
Technische Hochschule,
Darmstadt

Publisher
Editorial Office

© Birkhäuser Verlag, CH-4010 Basel (Switzerland) 1976
Department of Mathematics, University of Manitoba, Winnipeg,
Manitoba, Canada, R3T 2N2
All rights, incl. translations and photostatic and microfilm reproduction,
reserved
ISSN 0002-5270

ANDERSON, D. D.: Abstract commutative ideal theory without chain condition	131	JEŽEK, J.: Intervals in the lattice of varieties	147
ANDERSON, D. D. and JOHNSON, E. W.: Weak join-principal element lattices	377	JOHNSON, E. W.: <i>see</i> Anderson, D. D	377
APLESON, R. R.: Zero-divisors among finite structures of a fixed type	25	JÓNSSON, B. and OLIN, P.: Elementary equivalence and relatively free products of lattices	313
BAKER, K.: Equational axioms for classes of Heyting algebras	105	JÓNSSON, B.: <i>see</i> Freese, R.	227
BALBES, R. and HORN, A.: Projective covers of distributive lattices	277	KRAUSS, P. H.: <i>see</i> Clark, D. M.	167
BEAZER, R.: The determination congruence on double p-algebras	121	LANDHOLT, W. J. and WHALEY, T. P.: The free implicative semi-lattice on three generators	73
BIRKHOFF, G.: Note on universal topological algebra	21	LATCH, D. M.: Arbitrary products are co-products in complete (V-) semilattices.....	97
BISHOP, A. A.: A universal mapping property for a lattice completion	81	LINTON, F. E. J.: Companions for a lonely result of Isbell	91
BURTON, R. G.: Integral closure in multiplicative lattices	399	MARKOWSKY, G.: Chain-complete posets and directed sets with applications	53
CLARK, D. M. and KRAUSS, P. H.: Para primal algebras	167	MCCLEARY, S. H.: The structure of intransitive ordered permutation groups	231
DAY, A.: Lattice conditions implying congruence modularity	291	MISLOVE, M.: <i>see</i> Hofmann, K. H.	327
DILWORTH, R. P. and FREESE, R.: Generators of lattice varieties	263	MITSCHE, A. and WILLE, R.: Finite distributive lattices projective in the class of all modular lattices	383
FLEISCHER, I.: Embedding a semilattice in a distributive lattice	85	MURTY, P. V. R. and MURTY, M. K.: On admissible semilattices	355
FLEISCHER, I.: Amalgamation for semilattices	411	MYCIELSKI, J. and TAYLOR, W.: A compactification of the algebra of terms	161
FREESE, R.: Planar sublattices of $FM(4)$...	69	NATION, J. B.: Extending partial lattices within a variety	87
FREESE, R. and JÓNSSON, B.: Congruence modularity implies the Arguesian identity ..	227	OLIN, P.: Homomorphisms of elementary types of Boolean algebras	259
FREESE, R.: <i>see</i> Dilworth, R. P.	263	OLIN, P.: <i>see</i> Jónsson, B.	313
GALVIN, F. and PRIKRY, K.: Infinitary Jons-son algebras and partition relations	367	PIGOZZI, D.: Base-undecidable properties of universal varieties	195
HOFMANN, K. H. and MISLOVE, M.: Amalgamation in categories with concrete duals	327	PRIKRY, K.: <i>see</i> Galvin, F.	367
HÖFT, M.: Lexicographic ideals and the order-sum of k -semilattices	1	PUDLAK, P.: A new proof of the congruence lattice representation theorem	269
HORN, A.: <i>see</i> Balbes, R.	277	RIVAL, I.: A note on linear extensions of irreducible elements in a finite lattice	99
ISELL, J. R.: Compatibility and extensions of algebraic theories	37	RIVAL, I.: Combinatorial inequalities for semimodular lattices of breadth two	303
JANOWITZ, M. F.: A note on Rickart rings and semi-Boolean algebras	9	ROSENSTEIN, J. G.: N_0 -Categoricity is not inherited by factor groups	93
JANOWITZ, M. F.: Modular SM -semilattices.	13	SCHEIN, B. M.: Injective commutative semigroups	395

SZENDREI, A.: The operation ISKP on classes of algebras	349
TAYLOR, W.: <i>see</i> Mycielski, J.	161
WHALEY, T. P.: <i>see</i> Landholt, W. J.	73

WILLE, R.: On the width of sets of irreducibles in finite modular lattices	257
WILLE, R.: <i>see</i> Mitschke, A.	383